

03560.003426



IFD
PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
YOSHIFUMI TAKEYAMA, ET AL.) Examiner: Unassigned
Application No.: 10/754,597) Group Art Unit: 1753
Filed: January 12, 2004)
For: PHOTOVOLTAIC CELL HAVING A)
COATING FILM PROVIDED ON A)
PHOTOVOLTAIC ELEMENT AND)
MANUFACTURING METHOD)
THEREOF) May 5, 2004

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the Japanese documents, together with English-language abstracts, are enclosed.

The Japanese documents and U.S. Patent No. 4,260,429 are discussed at pages 3 to 6 of the specification.

U.S. Patent Nos. 6,130,379, 6,191,353, 5,942,048, 6,121,542, and 5,667,596 are believed to be English-language counterparts of Japan 9-92759, 10-233519, 7-321353, 9-18034, and 10-65192, respectively.

FORMAL MATTERS

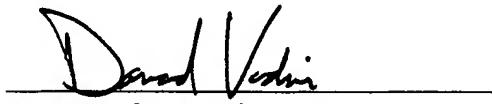
In accordance with 37 C.F.R. § 1.97(b), since a first Office Action on the merits has not yet been issued in the subject application, neither a statement under 37 C.F.R. § 1.97(e) nor payment of a fee is required for consideration of this Information Disclosure Statement. However, the Commissioner is hereby authorized to charge any fee which may be required in connection with this paper to Deposit Account No. 06-1205. A duplicate of this paper is enclosed for that purpose.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that an initialed copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,



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FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted: May 5, 2004

ATTY DOCKET NO.
03560.003426APPLICATION NO.
10/754,597APPLICANT
YOSHIFUMI TAKEYAMA, ET AL.FILING DATE
January 12, 2004GROUP
1753

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,664,597 B2	12/16/2003	Takeyama et al.	257	347	
	6,515,218 B1	02/04/2003	Shimizu et al.	136	256	
	6,479,744 B1	11/12/2002	Tsuzuki et al.	136	256	
	6,316,832 B1	11/13/2001	Tsuzuki et al.	257	747	
	6,271,462 B1	08/07/2001	Tsuzuki et al.	136	290	
	6,191,353 B1	02/20/2001	Shiotsuka et al.	136	256	
	6,184,458 B1	02/06/2001	Murakami et al.	136	256	
	6,184,457 B1	02/06/2001	Tsuzuki et al.	136	256	
	6,180,868 B1	01/30/2001	Yoshino et al.	136	244	
	6,162,986	12/19/2000	Shiotsuka et al.	136	244	
	6,130,379	10/10/2000	Shiotsuka et al.	136	251	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
✓	10-233519	09/02/1998	Japan			Abstract
✓	10-65192	03/06/1998	Japan			Abstract
✓	9-18034	01/17/1997	Japan			Abstract
✓	9-36396	02/07/1997	Japan			Abstract
✓	9-92759	04/04/1997	Japan			Abstract
✓	8-139349	05/31/1996	Japan			Abstract

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicants.

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FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 03560.003426	APPLICATION NO. 10/754,597				
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)		APPLICANT YOSHIFUMI TAKEYAMA, ET AL.					
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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,121,542	09/19/2000	Shiotsuka et al.	136	256	
		5,942,048	08/24/1999	Fujisaki et al.	136	256	
		5,759,291	06/02/1998	Ichinose et al.	136	256	
		5,679,176	10/21/1997	Tsuzuki et al.	136	251	
		5,667,596	09/16/1997	Tsuzuki et al.	136	256	
		4,260,429	04/07/1981	Moyer	136	256	
		2002/0140079 A1	10/03/2002	Takeyama	257	698	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		7-321353	12/08/1995	Japan			Abstract
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER			DATE CONSIDERED				

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